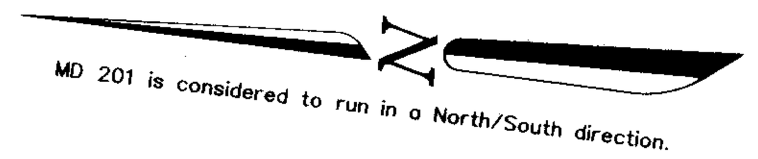
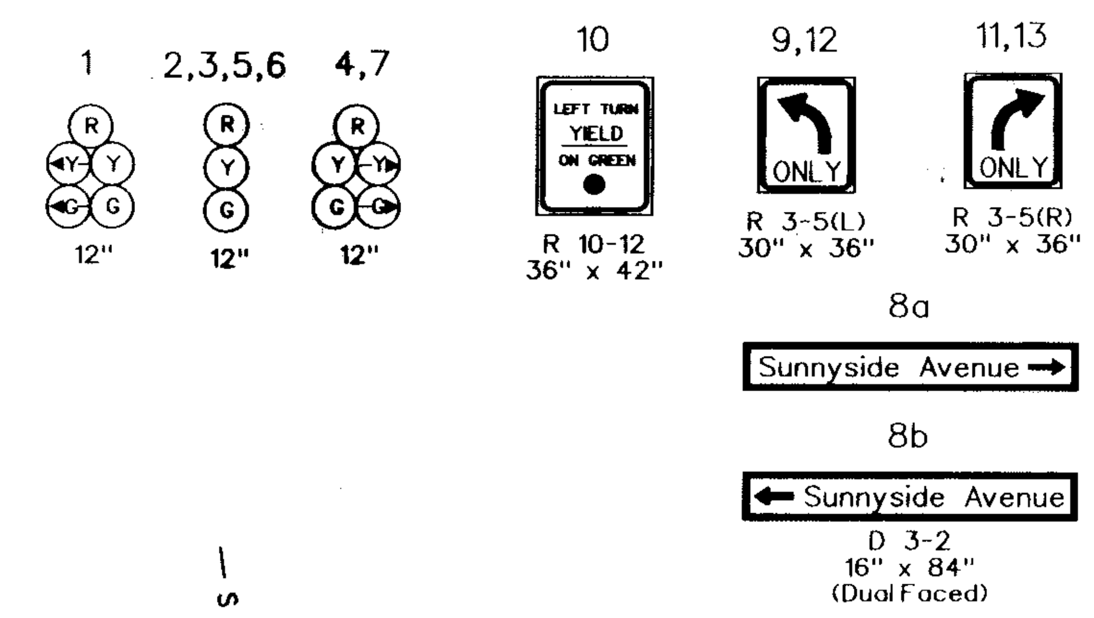
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

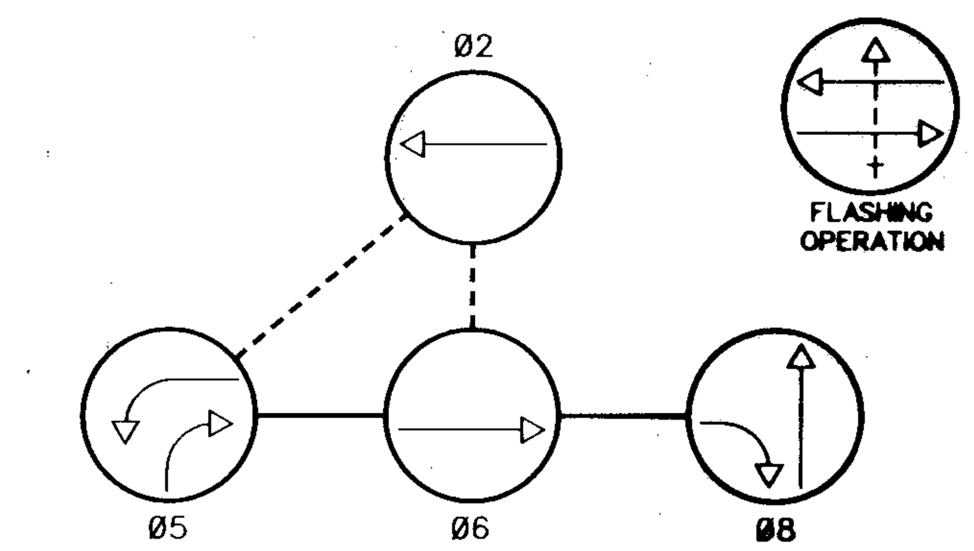


SIGNALS



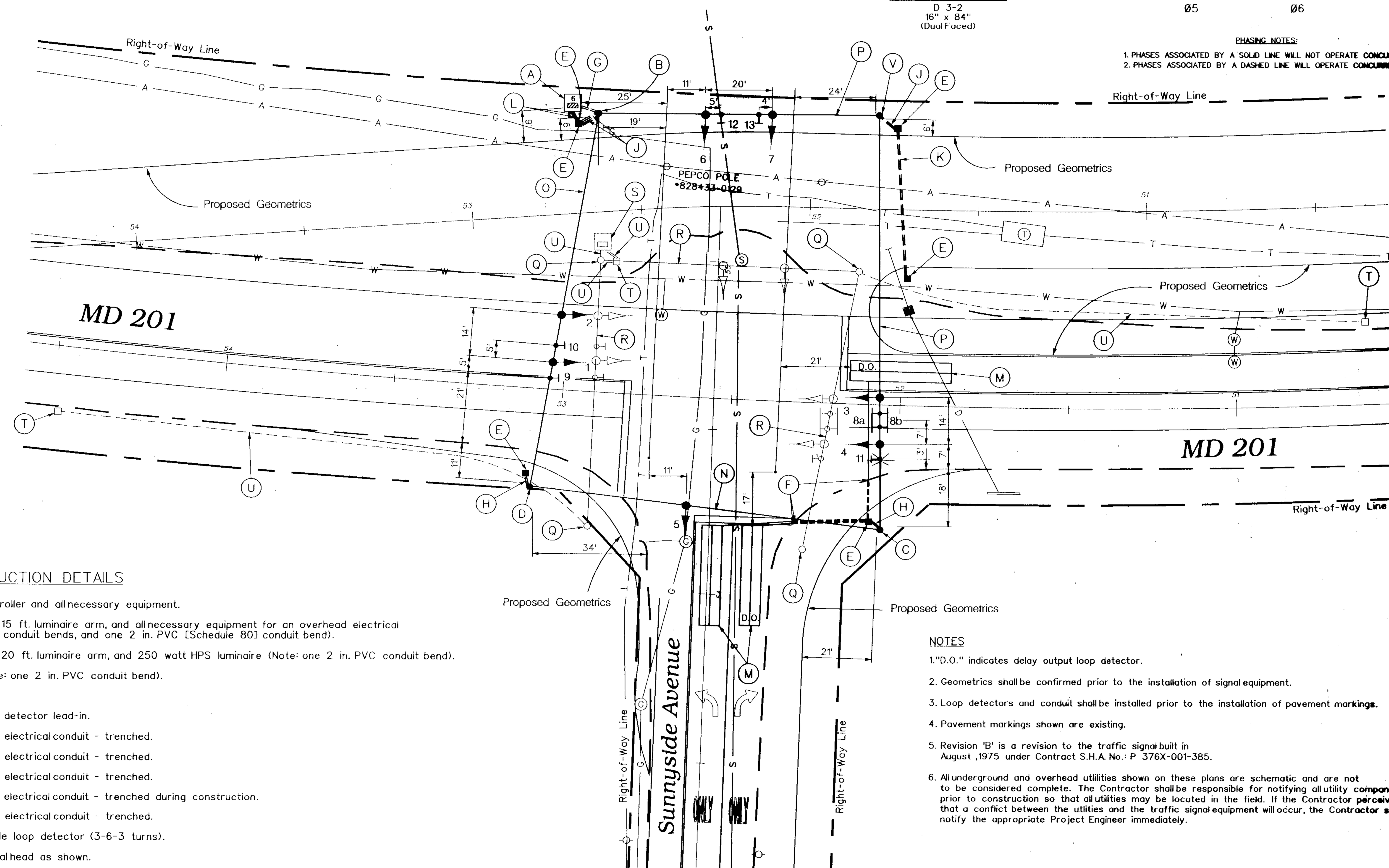
SIGNS

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install NEMA 6 base mounted cabinet/controller and all necessary equipment.

B. Install 12 in. x 30 ft. steel strain pole with 15 ft. luminaire arm, and all necessary equipment for an overhead electrical (Type B-14) service. (Note: two 3 in. PVC conduit bends, and one 2 in. PVC [Schedule 80] conduit bend).

C. Install 12 in. x 30 ft. steel strain pole with 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 2 in. PVC conduit bend).

D. Install 12 in. x 30 ft. steel strain pole (Note: one 2 in. PVC conduit bend).

E. Install handhole.

F. Install 1 in. galvanized steel conduit for loop detector lead-in.

G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

H. Install 2 in. polyvinyl chloride [Schedule 40] electrical conduit - trenched.

J. Install 3 in. polyvinyl chloride [Schedule 40] electrical conduit - trenched.

K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.

L. Install 4 in. polyvinyl chloride [Schedule 40] electrical conduit - trenched.

M. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

N. Install 3/8 in. steel span wire and vehicle signal head as shown.

O. Install 3/8 in. steel span wire, polycarbonate vehicle signal heads, and signs as shown (Note: Tether 5-section signal head and D3-2 sign with 1/4 in. tether wire).

P. Install 3/8 in. steel span wire, vehicle signal heads, and signs as shown (Note: Tether 5-section signal head with 1/4 in. tether wire).

Q. Remove existing steel pole and all attached equipment.

R. Remove existing span wire and all attached equipment.

S. Remove exisitng cabinet. Relocate existing controller to new cabinet.

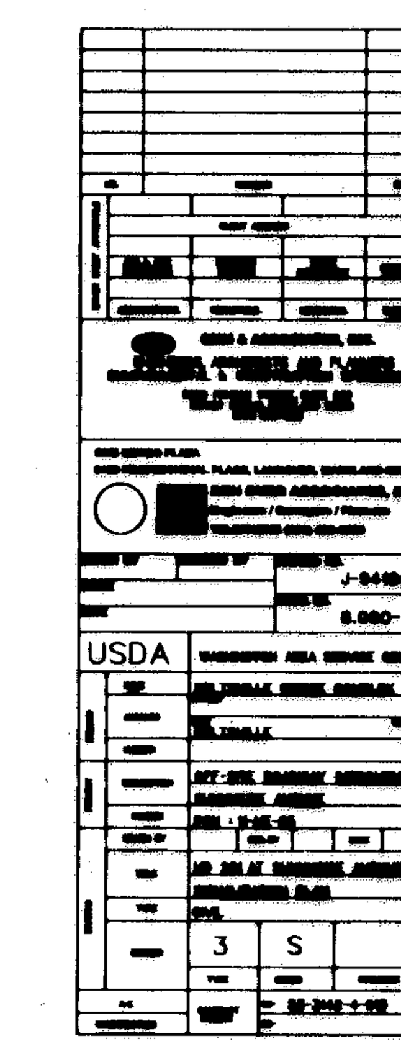
T. Remove existing handhole.

U. Cap and abandon existing conduit.

V. Install 12 in. x 30 ft. steel strain pole (Note: one 3 in. PVC conduit bend).

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. Pavement markings shown are existing.
5. Revision 'B' is a revision to the traffic signal built in August ,1975 under Contract S.H.A. No.: P 376X-001-385.
6. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utlities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.



Revision "B"

The Traffic Group

The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-8405
1-800-583-8411
Fax 410-321-8458
Job No. 960989
TEMPSIG.DGN

Temporary Traffic Signal for Maintenance Of Traffic

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- D — D — STORM DRAIN
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES

REVISIONS

(B) November 5, 1997
Reconstruct due to new Geometrics.
S.H.A. No.:
jjd 11/21/97

APPROVALS

ORIGINAL ON FILE

- ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
- CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
- ASST. DISTRICT ENGINEER - TRAFFIC
- DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: J. Gordon
DES. BY: J. Gordon
CHK. BY: A. Budnichuck

(Traffic Signal Plan)

MD 201 at Sunnyside Avenue

COUNTY: PRINCE GEORGE'S   LOG MILE • 16020708.85

DATE: August 25, 1975
SCALE: 1" = 20'
F.A.P. NO. N/A
S.H.A. NO. P 376X-001-385
TS/STD. NO. 1164B-X1
SHEET NO. 1 of 7